

Discovery of ASME code

Duration: 4 days (28 hours)

Language: French – English

Participants: 10 – 15

Location: Paris, other location on request

Level: Advanced

Contact: formation.reacteurs@framatome.com

You are:

An engineer or a technician working on mechanical components of the nuclear island Manager, technicians and sales engineers needing to understand ASME code applications

Prerequisites:

No prerequisite

During the training you will:

- Discover orientations, logic and general philosophy of the code, its contents, guidelines of the chapters, interlocking of rules between them, connections with equipment specifications, application and evolution of rules procedures
- Navigate through ASME code

After the training, you will be able to:

- Describe the ASME Boiler and Pressure Vessel Code organization,
- Describe the relations between the different rules and how they are linked to the technical specifications,
- Browse the code to find the appropriate rule,
- Present the interaction between the code sections, in particular those applied to Nuclear Pressure Equipments,
- Identify the differences between the ASME code and the other codes and standards.

Course strengths:

- Lecture by specialists,
- Illustrating Examples and quiz,
- Share of experiences with specialists.

Program

- Overview of ASME,
- Overview of the ASME B & PVC
- Section III Rules for Construction of Nuclear Facility Components- NCA & NB 8000
- Section III Part I : Rules for Construction of Nuclear Facility Components-Nx 1000-3000-7000
- Section III Part II : Rules for Construction of Nuclear Facility Components-Nx 1000-3000-7000
- Overview of Section VIII Construction of Pressure Vessels
- Comparison of ASME with RCC-M
- ASME Code integration in Framatome
- Materials Section II
- Materials Section III Nx 2000
- Manufacturing Section III Nx 4000
- Welding Section IX
- Examinations Section V
- Overview of In service Inspection and Testing
- Overview of Section XI
- Overview of Operation & Maintenance